

# **APPENDIX B**

Claim 54. An improved night light comprising:

a housing suitable for connecting to an electrical outlet; said housing having a front and a back, and at least two conductive blades extending from the back in an arrangement suitable for insertion into an electrical outlet, whereby insertion of said conductive blades into an electrical outlet places said housing back into a position immediately adjacent the electrical outlet;

a light source mounted on said housing, said light source being capable of emitting light at a predetermined brightness; and

means attached to said housing for adjusting the level of light provided by said light source to at least three different brightness levels.

Claim 59. The improved night light of Claim 54, wherein said light source is a bulb.

Claim 60. The night light of Claim 59, wherein said bulb is an incandescent bulb.

Claim 55. The improved night light of Claim 54, wherein said means for adjusting the level of light is an electrical control circuit for controlling an amount of electric current provided to said light source.

Claim 58. The improved night light of Claim 54, wherein the said means for adjusting the level of light includes a switch mounted on said housing, said switch having a plurality of positions, each switch position corresponding to a different amount of electric current provided to said light source.

Claim 61. The improved night light of Claim 54, wherein said means for adjusting the level of light adjusts the brightness of said light source through a continuous range of brightness levels.

Claim 62. The improved night light of Claim 54, wherein said means for adjusting the level of light controls the brightness of provided light to be any one of a plurality of discrete brightness levels.

Claim 56. The improved night light of Claim 55, further comprising:

a motion sensor connected to said light source, wherein said motion sensor operates with said control circuit to turn said light source on when motion is sensed near the improved night light.

Claim 57. The improved night light of Claim 55, further comprising:

a photo sensor connected to said light source, wherein said photo sensor operates with said control circuit to turn said light source on when ambient light levels fall below a threshold level.

Claim 44. An improved night light comprising:

a housing suitable for connecting to an electrical outlet, said housing having a front and a back, and at least two conductive blades extending from the back of said housing in an arrangement suitable for insertion into an electrical outlet, whereby insertion of said conductive blades into said electrical outlet places said housing back into a position immediately adjacent to said electrical outlet;

a light source mounted on said housing;

a switch mounted to said housing, said switch being capable of manipulation by a person, said switch settable to at least three positions; and

a control circuit within said housing, said control circuit being connected to said switch and to said light source;

wherein said control circuit is operable to turn said light source off when said switch is set to a first position, to turn said light source on at a first brightness when said switch is set to a second position, and to turn said light source on at a second brightness brighter than said first brightness when said switch is set to a third position.

Claim 47. The improved night light of Claim 44, wherein said light source is an incandescent bulb.

Claim 51. The improved night light of Claim 44, wherein said light source includes at least two separate light emitting sources.

Claim 52. The improved night light of Claim 51, wherein said light source includes at least two light emitting bulbs.

Claim 53. The improved night light of Claim 52, wherein said light emitting bulbs are incandescent bulbs.

Claim 7. The improved night light of Claim 44, wherein said switch is a rotary switch.

Claim 50. The improved night light of Claim 44, wherein said switch is a mechanical switch.

Claim 2. The improved night light of Claim 44, wherein said control circuit controls the brightness of said light source to have a brightness that varies continuously as a function of the position of said switch when a switch extending portion is moved between the second and third positions.

Claim 3. The improved right light of Claim 2, wherein said control circuit is a solid state controller.

Claim 4. The improved night light of Claim 44, wherein said first brightness and second brightness are discrete brightness levels, and

wherein said control circuit is not operable to turn said light source on at a brightness intermediate said first brightness and said second brightness.

Claim 8. The improved night light of Claim 44, wherein the said control circuit is manipulated by a user turning a portion of said housing itself with respect to the remainder of said housing.

Claim 45. The improved night light of Claim 44, wherein said control circuit is operable to turn said light source on at a third brightness level brighter than said second brightness level when said switch is set to a fourth position.

Claim 46. The improved night light of Claim 45 wherein said light source is an incandescent bulb.

Claim 5. The improved night light of Claim 44, further including a photosensitive device connected to said control circuit wherein said control circuit is operable in response to ambient light levels detected by said photosensitive device, wherein said light source is turned off in response to an ambient light level greater than a threshold level, and wherein said light source is operated as defined by the position of said switch when the ambient light level is less than the threshold level.

Claim 48. The improved night light of Claim 44, further including:

a motion sensor connected to said control circuit, wherein said motion sensor operates with said control circuit to turn said light source on when motion is sensed near the improved night light.

Claim 49. The improved night light of Claim 44, further including:

a photo sensor connected to said control circuit, wherein said photo sensor operates with said control circuit to turn said light source on when ambient light levels fall below a threshold level.

Claim 23. An improved night light, comprising:

a housing suitable for connecting to an electrical outlet, said housing having a front and a back, and at least two conductive blades extending from the back of said housing in an arrangement suitable for insertion into the electrical outlet, whereby insertion of said at least two conductive blades into the electrical outlet places said housing back into a position immediately adjacent the electrical outlet;

a first and a second light source mounted on said housing;

a switch having a portion extending from said housing, said extending portion capable of physical movement by a person between at least a first, a second, and a third position; and

a control circuit within said housing, said control circuit being connected to said switch for selectively connecting said first and second light sources to the electrical outlet;

wherein said control circuit is operable to turn both light sources off when said switch is in said first position, to turn the first light source on when said switch is in said second position, and to turn both light sources on when said switch is in said third position.

Claim 26. The improved night light of Claim 23, wherein said first and second light sources are bulbs.

Claim 27. The improved night light of Claim 26, wherein said first and second light sources are incandescent bulbs.

Claim 24. The improved night light of Claim 23, wherein said switch is a rotary switch.

Claim 25. The improved night light of Claim 23, wherein said switch extending portion is manipulated by a user turning a portion of said housing itself with respect to the remainder of said housing.

Claim 63. An improved night light comprising:

a housing suitable for connecting to an electrical outlet, housing having a front and a back, and at least two conductive blades extending from said back of said housing in an arrangement suitable for insertion into an electrical outlet, whereby insertion of said conductive blades into the electrical outlet places the back of said housing into a position immediately adjacent the electrical outlet;

a light source mounted on said housing, said light source being capable of providing light at a predetermined brightness;

a motion sensor attached to said housing for turning said light source on in response to motion detected near the improved night light;

a switch mounted to said housing and capable of manipulation by a person, said switch settable to at least three positions; and

a control circuit within said housing, said control circuit being connected to said switch and to said light source,

wherein said control circuit is operable to turn said light source off when said switch is set to a first position, to turn said light source on at a first brightness when said switch is set to a second position, and to turn said light source on at a second brightness brighter than said first brightness when said switch is set to a third position.



Claim 22. An improved night light, comprising:

a housing suitable for connecting to an electrical outlet, wherein said housing includes a socket;

a bulb mounted on said housing, wherein said bulb is mounted on said housing by inserting said bulb into said socket;

a gasket around the base of said bulb to seal said socket from the weather;

a cover plate over said socket and said bulb, said cover plate having vents formed therein;

a switch having a portion extending from said housing, said extending portion being capable of physical movement by a person between at least a first, a second, and a third position; and

a control circuit within said housing, said control circuit being connected to said switch for connecting said bulb to electrical power from said electrical outlet, wherein said control circuit is operable to turn said bulb off when said switch is in said first position to turn said bulb on at a first brightness when said switch is in said second position and to turn said bulb on at a second brightness brighter than said first brightness when said switch is in said third position.

Claim 28. An improved night light for use in an outdoor installation, comprising:

- an outlet box cover adapted to mount over an electrical outlet in an outlet box, said electrical outlet having at least a first and a second electrical outlet;
- a light transmitting cover plate over a portion of said outlet box cover, said light transmitting cover plate being positioned so as to cover said first electrical outlet when said outlet box cover is installed over said outlet box;
- three conductive blades extending from said outlet box cover behind said light transmitting cover plate for insertion into said first electrical outlet, said three conductive blades including two blades for conducting power and a third blade adapted for insertion into a grounding receptacle;
- a hinged door connected to said outlet box cover, said hinged door positioned to cover said second electrical outlet and protect said second electrical outlet from the weather;
- a light source mounted under said light transmitting cover plate;
- a control circuit within said outlet box cover, said control circuit being connected to said three conductive blades and said light source, to control operation of said light source said light source; and
- means for sealing said outlet box cover against the weather, whereby the improved night light can be used outdoors.

Claim 31. The improved night light of Claim 28, wherein said light transmitting cover plate is transparent.

Claim 33. The improved night light of Claim 28, wherein said light transmitting cover plate includes an air vent.

Claim 34. The improved night light of Claim 28, wherein said light source is an incandescent bulb.

Claim 35. The improved night light of Claim 34, wherein said light source includes at least two incandescent bulbs.

Claim 29. The improved night light of Claim 28, wherein said control circuit includes a photosensitive device to turn said light source on and off as a function of ambient light levels.

Claim 30. The improved night light of Claim 28, wherein said control circuit includes an on/off switch.

Claim 36. The improved night light of Claim 28, wherein said control circuit includes a motion detector to turn the improved night light on in response to movement nearby.

Claim 42. The improved night light of Claim 28, wherein said control circuit is operable to turn said light source off with a switch when said switch is set to a first position, to turn said light source on at a first brightness when said switch is set to a second position, and to turn said light source on at a second brightness brighter than said first brightness when said switch is set to a third position.

Claim 43. The improved night light of Claim 42, wherein said control circuit is operable to turn said light source on at a third brightness level brighter than said second brightness level when said switch is set to a fourth position.

Claim 32. The improved night light of Claim 28, wherein said means for sealing said outlet box is a gasket around a backside periphery of said outlet box cover.

Claim 37. The improved night light of Claim 28, further including:

a ground fault interrupter connected to said control circuit, wherein the improved night light is protected from the occurrence of an unsafe ground fault condition.

Claim 38. The improved night light of Claim 28, further including:

a sealing member attached to said outlet box cover and to said light source to provide a weatherproof seal for said light source.

Claim 39. The improved night light of Claim 38, wherein said light source is a bulb connected to a socket.

Claim 40. The improved night light of Claim 39, wherein said bulb is an incandescent bulb.

Claim 41. The improved night light of Claim 39, wherein said sealing member is a gasket around a base of said bulb.